

[File 2] **INSPEC** 1898-2008/Jun W5  
(c) 2008 Institution of Electrical Engineers. All rights reserved.  
[File 6] **NTIS** 1964-2008/Aug W2  
(c) 2008 NTIS, Intl Cpyrght All Rights Res. All rights reserved.  
[File 8] **Ei Compendex(R)** 1884-2008/Jul W2  
(c) 2008 Elsevier Eng. Info. Inc. All rights reserved.  
[File 23] **CSA Technology Research Database** 1963-2008/Jun  
(c) 2008 CSA. All rights reserved.  
[File 144] **Pascal** 1973-2008/Jul W4  
(c) 2008 INIST/CNRS. All rights reserved.  
[File 35] **Dissertation Abs Online** 1861-2008/Nov  
(c) 2008 ProQuest Info&Learning. All rights reserved.  
[File 65] **Inside Conferences** 1993-2008/Jul 30  
(c) 2008 BLDSC all rts. reserv. All rights reserved.  
[File 95] **TEME-Technology & Management** 1989-2008/Jul W3  
(c) 2008 FIZ TECHNIK. All rights reserved.  
[File 63] **Transport Res (TRIS)** 1970-2008/May  
(c) fmt only 2008 Dialog. All rights reserved.  
[File 104] **AeroBase** 1999-2008/Jun  
(c) 2008 Contains copyrighted material. All rights reserved.  
[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2008/Jun  
(c) 2008 The HW Wilson Co. All rights reserved.

Set	Items	Description
S1	219319	S SIMULATOR? ? OR (AMUSEMENT OR CARNIVAL OR AMUSEMENT()PARK) () (RIDE OR RIDES)
S2	3304	S CAROUSEL? ? OR CARROUSEL? ? OR MERRY()GO()ROUND? ? OR FERRIS()WHEEL? ?
S3	222605	S S1:S2
S4	33245	S CAR OR CARS OR VEHICLE? ? OR UNIT OR UNITS OR CAGE OR CAGES OR CARRIER? ? OR SEAT OR SEATS OR HOLDER? ? OR BOX OR BOXES OR SEATING OR CAPSULE? ?
S5	14497	S REVOLV??? OR ROTARY OR ROTAT? OR LOOP??? OR SPIN OR SPINS OR SPINNING OR SPUN OR TWIRL??? OR (GO OR GOES OR GOING OR GONE OR TURN OR TURNS OR TURNED OR TURNING) () (AROUND OR "IN" (1W)CIRCLE) OR PIVOT??? OR SWIVEL?
S6	5867	S ARM OR ARMS OR BRANCH?? OR SPOKES OR PROJECTION? ? OR SHAFT? ? OR ROD OR RODS
S7	22207	S LOAD OR LOADS OR LOADED OR LOADING OR UNLOAD??? OR (GET OR GETS OR GETTING OR GOT OR GO OR GOES OR GOING OR GONE) () ( "ON" OR OFF OR "IN" OR INTO OR OUT) OR ENTER OR ENTERS OR ENTERED OR ENTERING OR EMBARK? OR BOARD??? OR LEAVE? ? OR LEAVING OR DEPART???? OR EXIT??? OR VACATE? ? OR VACATING
S8	10620	S HUB OR HUBS OR CENTER? ? OR CENTRE OR CENTRES OR MIDDLE
S9	22172	S WHILE OR SAME()TIME OR CONCURRENT?? OR SIMULTANEOUS??
S10	7154	S MOVE OR MOVES OR MOVED OR MOVING OR SLIDE OR SLIDES OR SLID OR SLIDING OR CHANG??? (2W) (POSITION? ? OR PLACE OR PLACES OR LOCATION? ?)
S11	107	S WITHOUT(3W) (STOP OR STOPPING) OR (CONSTANT?? OR CONTINUOUS??) () (MOTION OR MOVING OR S5)
S12	4	S S3 AND S7(5N)S11
<b>S13</b>	<b>3</b>	<b>RD (unique items) [not relevant]</b>
S14	377	S S7(5N)S9 AND S3
S15	9	S S9(10N)S5 AND S14
S16	9	S S15 NOT S12
S17	4	RD (unique items)
<b>S18</b>	<b>4</b>	<b>SORT S17/ALL/PY,A [not relevant]</b>
S19	58	S S4(S)S10(S)S6 AND S3
S20	36	S S3/TI,DE AND S19
S21	36	S S20 NOT (S12 OR S15)
S22	26	RD (unique items)
S23	3	S S22/2005:2006
S24	1	S S22/2007:2008

S25 22 S S22 NOT S23:S24  
**S26 22 SORT S25/ALL/PY,A [not relevant]**  
S27 22 S S19 NOT (S12 OR S15 OR S20)  
S28 20 RD (unique items)  
S29 5 S S28/2005:2006  
S30 0 S S28/2007:2008  
S31 15 S S28 NOT S29:S30  
**S32 15 SORT S31/ALL/PY,A [not relevant]**  
S33 2147 S S5(2N)S1:S2  
S34 16 S S6 AND S8 AND S33  
S35 16 S S34 NOT (S12 OR S15 OR S19)  
S36 9 RD (unique items)  
**S37 9 SORT S36/ALL/PY,A**  
S38 2 S S7(5N)S8 AND S33  
**S39 2 S S38 NOT (S12 OR S15 OR S19 OR S34) [not relevant]**

[File 996] **NewsRoom 2000-2003**

(c) 2008 Dialog. All rights reserved.

[File 16] **Gale Group PROMT(R)** 1990-2008/Jul 22

(c) 2008 The Gale Group. All rights reserved.

[File 160] **Gale Group PROMT(R)** 1972-1989

(c) 1999 The Gale Group. All rights reserved.

[File 47] **Gale Group Magazine DB(TM)** 1959-2008/Jul 16

(c) 2008 The Gale group. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2008/Jul 29

(c) 2008 The Gale Group. All rights reserved.

[File 635] **Business Dateline(R)** 1985-2008/Jul 29

(c) 2008 ProQuest Info&Learning. All rights reserved.

[File 636] **Gale Group Newsletter DB(TM)** 1987-2008/Jul 23

(c) 2008 The Gale Group. All rights reserved.

[File 80] **TGG Aerospace/Def.Mkts(R)** 1982-2008/Jul 22

(c) 2008 The Gale Group. All rights reserved.

[File 621] **Gale Group New Prod.Annou. (R)** 1985-2008/Jul 10

(c) 2008 The Gale Group. All rights reserved.

[File 484] **Periodical Abs Plustext** 1986-2008/Jul W3

(c) 2008 ProQuest. All rights reserved.

[File 624] **McGraw-Hill Publications** 1985-2008/Jul 29

(c) 2008 McGraw-Hill Co. Inc. All rights reserved.

[File 88] **Gale Group Business A.R.T.S.** 1976-2008/Jul 28

(c) 2008 The Gale Group. All rights reserved.

[File 727] **Canadian Newspapers** 1990-2008/Jul 29

(c) 2008 Southam Inc. All rights reserved.

[File 9] **Business & Industry(R)** Jul/1994-2008/Jul 23

(c) 2008 The Gale Group. All rights reserved.

[File 98] **General Sci Abs** 1984-2008/Jul

(c) 2008 The HW Wilson Co. All rights reserved.

Set	Items	Description
S1	100081	S (AMUSEMENT OR CARNIVAL OR AMUSEMENT()PARK) () (RIDE OR RIDES) OR CAROUSEL? ? OR CARROUSEL? ? OR MERRY()GO()ROUND? ? OR FERRIS()WHEEL? ?
S2	436	S (SPACE OR ZERO()GRAVITY) ()SIMULATOR? ?
S3	3400	S (CENTRIFUGE OR CENTRIFUGES) (S) (TEST()TUBE? ? OR LAB OR LABS OR LABORATOR???)
S4	103900	S S1:S3
S5	18590	S REVOLV??? OR ROTARY OR ROTAT? OR LOOP??? OR SPIN OR SPINS OR SPINNING OR SPUN OR TWIRL??? OR PIVOT??? OR SWIVEL?
S6	40549	S hub OR hubs OR CENTER? ? OR CENTRE OR CENTRES OR MIDDLE
S7	33520	S move OR moves OR moved OR moving OR SLIDE OR SLIDES OR SLID OR SLIDING

S8 560 S OUTWARDS OR OUTWARD OR ( "TO" OR TOWARD) (1W) (OUTER OR OUTERMOST OR  
OUTSIDE OR EXTERIOR)  
S9 9525 S edge OR BORDER OR PERIMETER OR PERIMETRE  
S10 45225 S load OR loads OR loaded OR loading OR UNLOAD??? OR EMBARK? OR BOARD???  
OR LEAVE? ? OR LEAVING OR DEPART???? OR EXIT??? OR VACATE? ? OR VACATING OR DISEMBARK?  
S11 42021 S WHILE OR SAME()TIME OR CONCURRENT?? OR SIMULTANEOUS??  
S12 505 S WITHOUT(3W) (STOP OR STOPPING) OR (CONSTANT?? OR CONTINUOUS??) () (MOTION  
OR moving OR S5)  
S13 606 S S4(S)S5(S)S6  
S14 80 S S7(3W)S8:S9  
S15 745 S S10(5W)S11:S12  
**S16 3 S S13(S)S14:S15 [not relevant]**  
S17 7669 S S1/TI OR S2/TI OR S3/TI  
S18 2 S S17(S)S5(S)S6  
S19 50 S S17 AND S5(S)S6  
S20 16 S S19(S) (S8 OR S10:S12)  
S21 18 S S18 OR S20  
S22 18 S S21 NOT S16  
S23 12 RD (unique items)  
**S24 12 SORT S23/ALL/PD,A [not relevant]**  
S25 32 S S19 NOT (S16 OR S18 OR S20)  
S26 29 RD (unique items)  
S27 2 S S26/2005:2006  
S28 0 S S26/2007:2008  
S29 27 S S26 NOT S27:S28  
**S30 27 SORT S29/ALL/PD,A [not relevant]**

[File 350] **Derwent WPIX** 1963-2008/UD=200847

(c) 2008 The Thomson Corporation. All rights reserved.

[File 347] **JAPIO** Dec 1976-2007/Dec(Updated 080328)

(c) 2008 JPO & JAPIO. All rights reserved.

Set	Items	Description
S1	5296	S (AMUSEMENT OR CARNIVAL OR AMUSEMENT()PARK)() (RIDE OR RIDES) OR CAROUSEL? ? OR CARROUSEL? ? OR MERRY()GO()ROUND? ? OR FERRIS()WHEEL? ?
S2	26	S (SPACE OR ZERO()GRAVITY)()SIMULATOR? ?
S3	626	S (CENTRIFUGE OR CENTRIFUGES) (S) (TEST()TUBE? ? OR LAB OR LABS OR LABORATOR???)
S4	5942	S S1:S3
S5	3181658	S REVOLV??? OR ROTARY OR ROTAT? OR LOOP??? OR SPIN OR SPINS OR SPINNING OR SPUN OR TWIRL??? OR (GO OR GOES OR GOING OR GONE OR TURN OR TURNS OR TURNED OR TURNING)() (AROUND OR "IN" (1W)CIRCLE) OR PIVOT??? OR SWIVEL?
S6	1362658	S hub OR hubs OR CENTER? ? OR CENTRE OR CENTRES OR MIDDLE
S7	2586054	S move OR moves OR moved OR moving OR SLIDE OR SLIDES OR SLID OR SLIDING
S8	445190	S OUTWARDS OR OUTWARD OR ( "TO" OR TOWARD) (1W) (OUTER OR OUTERMOST OR OUTSIDE OR EXTERIOR)
S9	1190203	S edge OR BORDER OR PERIMETER OR PERIMETRE
S10	3051059	S load OR loads OR loaded OR loading OR UNLOAD??? OR (GET OR GETS OR GETTING OR GOT OR GO OR GOES OR GOING OR GONE)() ( "ON" OR OFF OR "IN" OR INTO OR OUT) OR enter OR enters OR entered OR entering OR EMBARK? OR BOARD??? OR LEAVE? ? OR LEAVING OR DEPART???? OR EXIT??? OR VACATE? ? OR VACATING
S11	3157032	S WHILE OR SAME()TIME OR CONCURRENT?? OR SIMULTANEOUS??
S12	38926	S WITHOUT(3W) (STOP OR STOPPING) OR (CONSTANT?? OR CONTINUOUS??) () (MOTION OR moving OR S5)
S13	6512052	S car OR cars OR VEHICLE? ? OR UNIT OR UNITS OR pod OR PODS OR CART OR CARTS OR CAGE OR CAGES OR CARRIER? ? OR SEAT OR SEATS OR HOLDER? ? OR BOX OR BOXES OR SEATING OR CAPSULE? ?
S14	12073	S S4 OR IC=A63G?
S15	877	S S14 AND S5 AND S6
<b>S16</b>	<b>3</b>	<b>S S15 AND S13(3N)S7(3N)S8 [not relevant]</b>
S17	1	S S15 AND S13(3N)S7(5N)S9
<b>S18</b>	<b>1</b>	<b>S S17 NOT S16 [not relevant]</b>
S19	132213	S S10(10N)S11:S12
S20	25	S S15 AND S19
S21	13	S S15 AND S7(3N)S8:S9
<b>S22</b>	<b>34</b>	<b>S S20:S21 NOT S16:S17 [not relevant]</b>
S23	702	S S1 AND IC=A63G?
S24	421	S S5 AND S23
S25	97	S S6 AND S24
S26	35	S S25 AND (S8 OR S10 OR S11 OR S12)
<b>S27</b>	<b>31</b>	<b>S S26 NOT (S16 OR S17 OR S20 OR S21)</b>
S28	77	S S2:S3(5N)S5
S29	42	S S28 AND (S7:S8 OR S10:S12)
<b>S30</b>	<b>41</b>	<b>S S29 NOT (S16:S17 OR S20:S21 OR S26)</b>

27/25,K,IM/8 (Item 8 from file: 350)

Fulltext available through: [Order File History](#)  
Derwent WPIX

(c) 2008 The Thomson Corporation. All rights reserved.

0013216797 & *Drawing available*

WPI Acc no: 2003-301448/

XRPX Acc No: N2003-239804

**Amusement ride for people has passenger transporting device supported by support beam, arranged at end portion of first cantilever section of support beam, being rotatable about second axis**

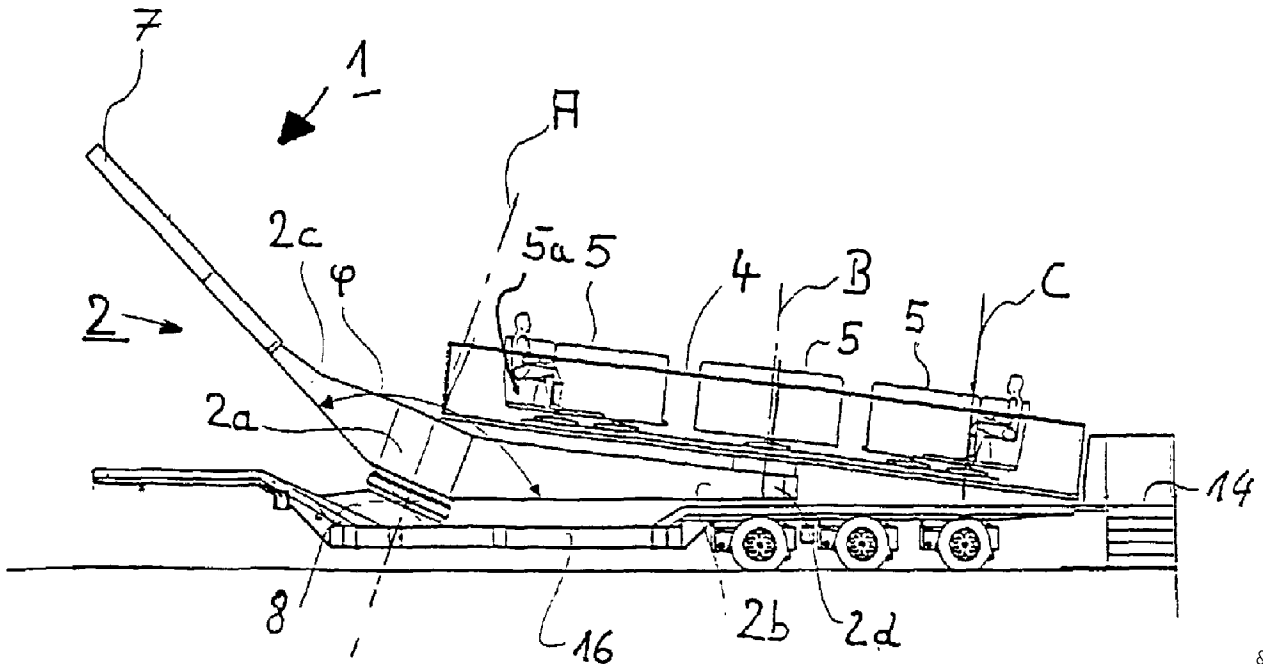
Patent Number	Kind	Date	Update	Type
WO 2003028834	A1	20030410	200329	B
AU 2002220569	A1	20030414	200460	E

Alerting Abstract WO A1

USE - As an amusement ride.

DESCRIPTION OF DRAWINGS - The drawing shows a schematic side view of the **amusement ride** in a **loading** position for passengers.

Main Drawing Sheet(s) or Clipped Structure(s)



**Original Abstracts:** The present invention relates to an **amusement ride** having a **support beam** comprising a **center** section and a **first** and a second cantilever section, wherein said support beam is **rotatable** about a first **axis**, and wherein said first axis is arranged in the **center** section of the **support** beam and is inclined relative to a vertical axis. The **amusement ride** further comprises a **passenger** transporting device supported by

the support beam, wherein the passenger transporting device is arranged at an end portion of the first cantilever section of the support beam and is **rotatable** about a second **axis**.

27/25,K,IM/19 (Item 19 from file: 350)

Fulltext available through: [Order File History](#)

Derwent WPIX

(c) 2008 The Thomson Corporation. All rights reserved.

0006329891 & & *Drawing available*

WPI Acc no: 1993-125898/

XRPX Acc No: N1993-096142

**Floating and disembarking platform for floating carriers - has circular container filled with water large disc rotatably carried having supporting surface constructed of water permeable material**

Patent Assignee: BARBER G L (BARB-I)

Inventor: BARBER G L

Patent Family: 1 patents, 1 countries

Patent Number	Kind	Date	Update	Type
US 5197923	A	19930330	199315	B

Priority Applications (no., kind, date): US 1991768381 A 19910930

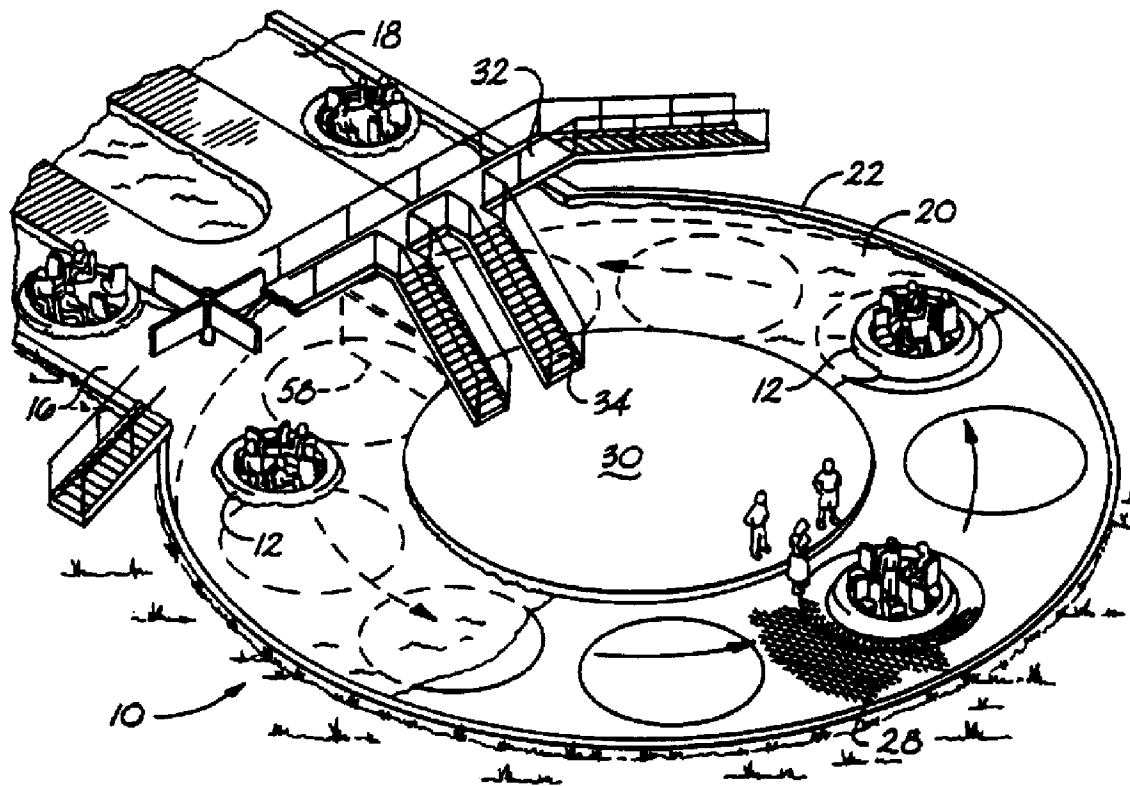
#### Alerting Abstract US A

The circular container filled with water to a predetermined level. A large disc is **rotatably** carried in the circular container and has a supporting surface constructed of water permeable material so that water will pass readily through.

The circular disc has a large hole provided in the **centre** thereof through which a stationary **loading** and **disembarking** platform extends. The disc is supported on rollers at an oblique angle so that one **edge** of the disc is below water level and the other **edge** is above water level.

USE/ADVANTAGE - For **loading** and **disembarking** passengers from floating **carriers** forming part of an **amusement ride**.

#### Main Drawing Sheet(s) or Clipped Structure(s)



&

**Original Abstracts:** A loading platform for loading and disembarking passengers from floating carriers that includes a circular container filled with water to a predetermined level. A large driven disk rotatably supported at an angle so that the cars can be forced onto a submerged side of the disk and rotated out of the water so that the passengers can be loaded and disembarked from the carriers. The flow of the water through flumes and the disk aids in loading and removing the carriers from the disk.

**Claims:** A loading platform for loading and disembarking passengers from floating carriers forming part of an amusement ride comprising: (a) a circular container filled with water to a predetermined level; (b) a large disk carried in said circular container, said disk having a support surface constructed of water permeable material; (c) means for rotating said disk at a predetermined speed; (d) a large hole provided in the center of said disk; (e) a stationary loading and disembarkation platform positioned in the center of said disk; (f) means for supporting said disk at an angle permitting said water level to extend a predetermined distance over said support surface of said disk; (g) an entrance and exit opening provided in said circular container; (h) flumes connected to said entrance and exit openings providing ingress and egress to said supporting surfaces of said rotating disk carried in said container; (i) means for supplying a flow of water to said entrance opening of said circular container; and (j) partitions provided in said container for directing said flow of water from said entrance opening around said stationary loading and disembarkation platform and out said exit opening, said predetermined level of water being of sufficient height so that said moving water flows through a portion of said rotating platform for loading said carriers on said inclined supporting surface as they pass through said entrance opening into said circular container and are removed from said supporting surface adjacent said exit opening permitting passengers access to said carriers as they are rotated on said disk.

27/7,IM/30 (Item 1 from file: 347)

Fulltext available through: [Order File History](#)

JAPIO

(c) 2008 JPO & JAPIO. All rights reserved.

06465960 \*\*Image available\*\*

**FERRIS WHEEL**

**Pub. No.:** 2000-051535 [JP 2000051535 A ]

**Published:** February 22, 2000 (20000222)

**Inventor:** IWAMOTO YOICHI

ISODA ATSUSHI

**Applicant:** MITSUBISHI HEAVY IND LTD

**Application No.:** 10-228328 [JP 98228328]

**Filed:** August 12, 1998 (19980812)

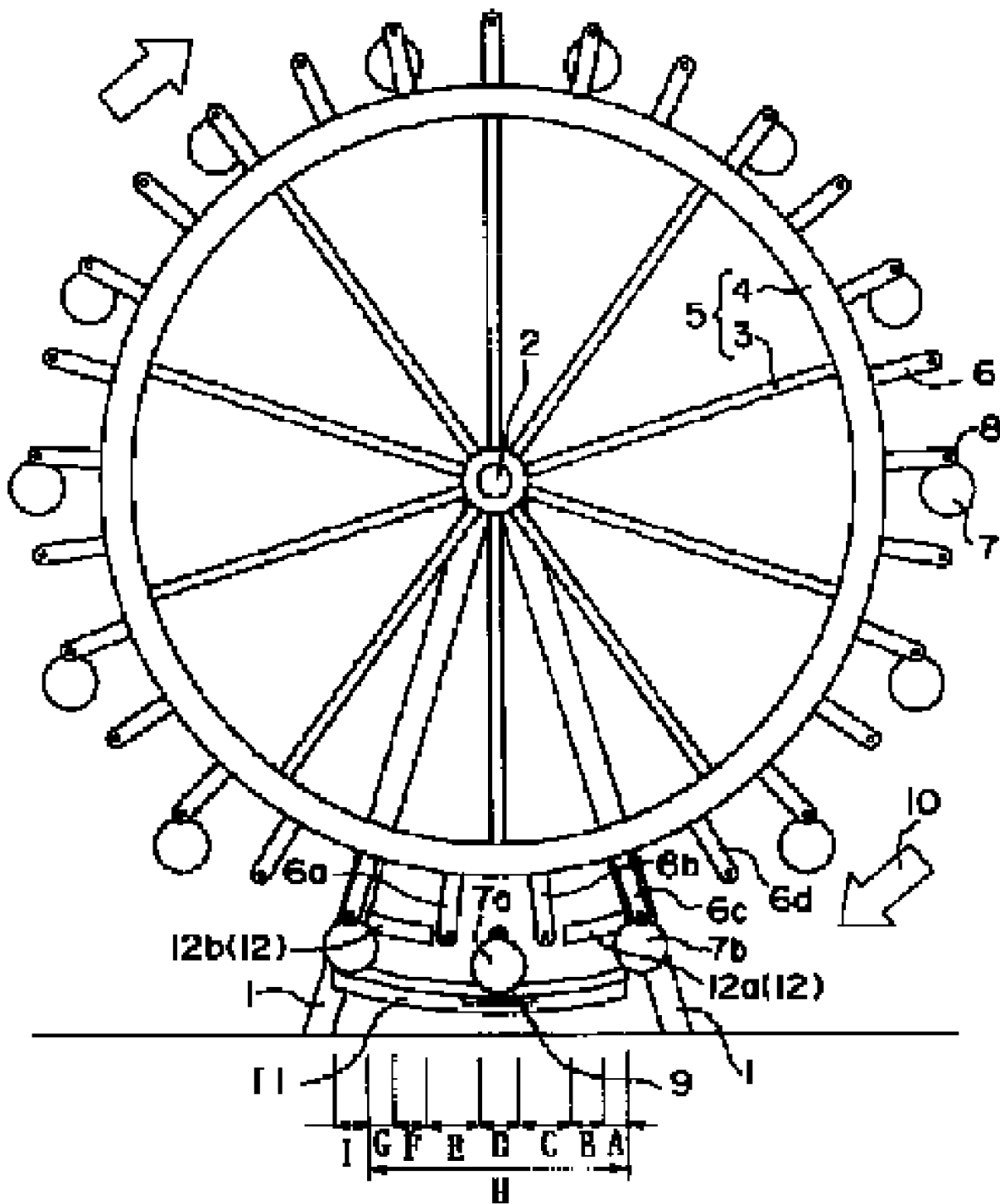
**ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide a **Ferris wheel** capable of making passengers safely **get on** even in the **Ferris wheel** of a large size exceeding the conventional one.

**SOLUTION:** This **Ferris wheel** is provided with a wheel 5 supported turnably with a **rotary** shaft 2 at a **center**, plural gondolas 7 detachably locked to the wheel 5 by pins 8 attached and detached to/from the wheel 5, a pin attaching/ detaching device 12 for separating the gondola 7 from the wheel 5 by detaching the pin 8 from the wheel 5 and locking the gondola 7 to the wheel 5 by mounting the pin 8 to the wheel 5 and a gondola holding and transferring device 11 for holding the gondola 7 separated from the wheel 5 by the pin attaching/ detaching device 12 and transferring the gondola 7 in a prescribed direction.

**COPYRIGHT:** (C)2000,JPO





30/7,IM/41 (Item 4 from file: 347)

Fulltext available through: Order File History

JAPIO

(c) 2008 JPO & JAPIO. All rights reserved.

02476463 \*\*Image available\*\*

**CENTRIFUGAL SEPARATOR**

**Pub. No.:** 63-093363 [JP 63093363 A ]

**Published:** April 23, 1988 (19880423)

**Inventor:** YOKOSUKA TAKEJIRO

AMANO MASAMICHI

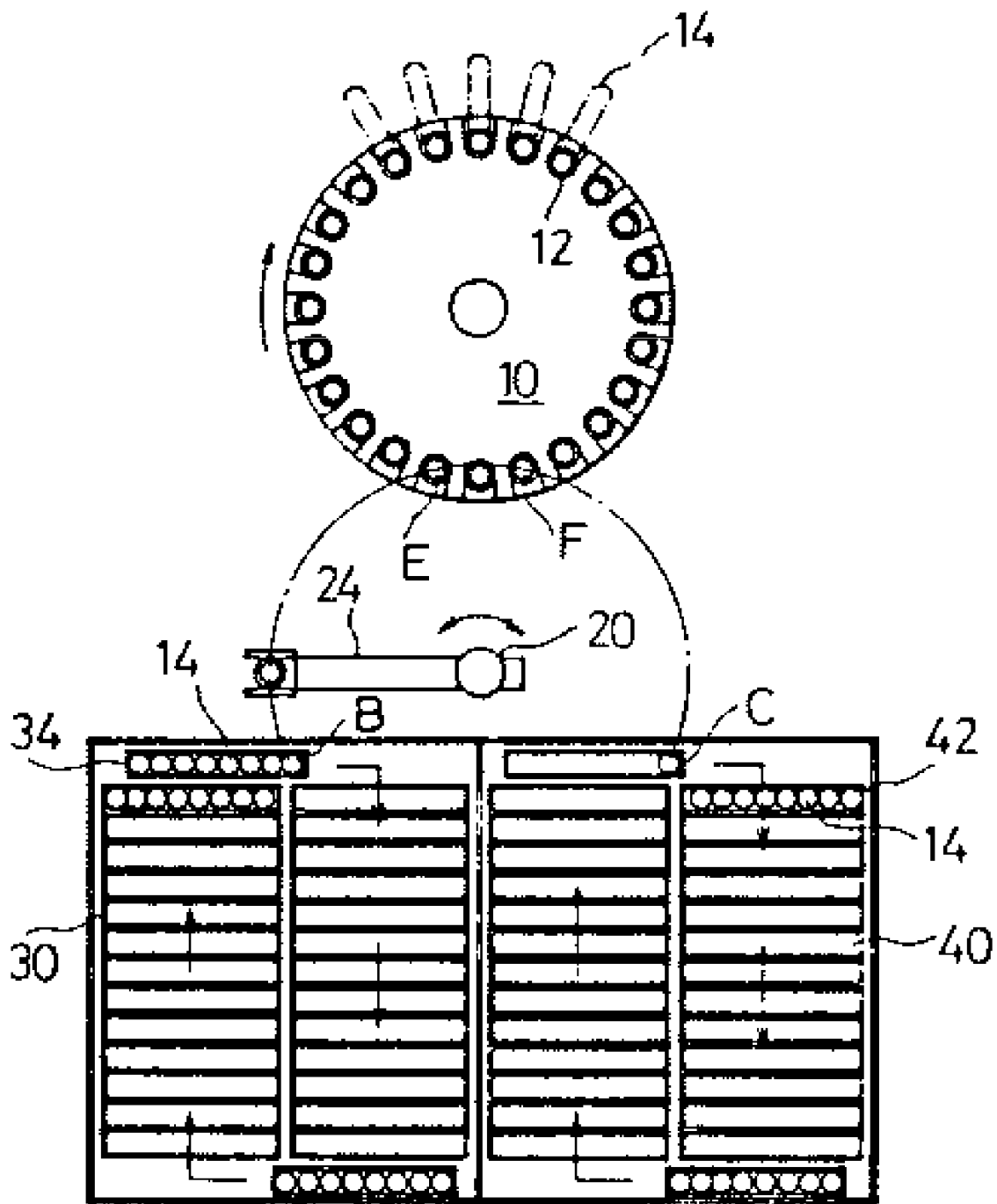
**Applicant:** NIPPON TECTRON CO LTD [470110] (A Japanese Company or Corporation), JP (Japan)

**Application No.:** 61-238591 [JP 86238591]

**Filed:** October 07, 1986 (19861007)

**ABSTRACT**

**PURPOSE:** To automatically operate a centrifugal separator and to rapidly and accurately receive and arrange blood in a rack after centrifugal sedimentation and separation, by arranging a **centrifuge**, a grasping and **moving** means and a test tube rack in close vicinity to each other and allowing all of them to work in conjunction with each other. **CONSTITUTION:** The test tube rack 34 of a supply means 30 is successively and regularly **moved** in lateral and longitudinal directions to reach a test tube grasping position B. At this position B, test tubes individually weighed are grasped by a gripping jig with the **rotation** and falling of a grasping and **moving** means 20 and transferred to the test tube mount position E of a **centrifuge** 10 by again raising and **rotating** said means 20 to be mounted to test tube **holders** 12. When the test tubes are mounted to all of the **holders** 12 by the advance of the repetition of the operation of the grasping and **moving** means 20 and the slight revolution of the **centrifuge** 10 by a low speed drive apparatus, the **centrifuge** 10 is **rotated** at a high speed to perform the centrifugal separation of blood. The test tubes after separation are again successively **moved** to a test tube rack 42 through the grasping and **moving** means 20.



30/25,K,IM/33 (Item 33 from file: 350)

Fulltext available through: [Order File History](#)

Derwent WPIX

(c) 2008 The Thomson Corporation. All rights reserved.

0002460981

WPI Acc no: 1982-B8841E/

**Test tube centrifuge - has externally operated control mechanism rotating test tubes into charging, spinning, or decanting position**

Patent Assignee: SEPAREX TEKNIK AB (SEPA-N)

Inventor: UNGER P; WESTBERG E

Patent Family: 1 patents, 1 countries

Patent Number	Kind	Date	Update	Type
DE 3101078	A	19820218	198208	B

Priority Applications (no., kind, date): SE 1980356 A 19800116

#### Alerting Abstract DE A

The test tube **centrifuge** has a casing (11) with a hinged lid (14), inside which the rotor (15) operates. The rotor consists of a vessel (37), open at the top. The base of the vessel has four test tube **holders** (16), each fixed to a bush (18) **rotatable around** axis (B) extending from the base of the vessel (37) at 45 degrees. Each bush (18) has one end of a pull rod (20) connected to its circumference, **while** the other end is connected to a sleeve (21) which can **slide** vertically on a column (22) forming part of the base. The **sliding movement** of the sleeve is controlled via pressure ring (29) and push rod (28) from a cam (25) working together with a pressure roller (27). When the cam part (25A) is in contact with the roller (27), the **test tube holders** are **rotated** into the **spinning** position. Contact of the cam part (25B) with the roller (27) produces the mixing position for the test tube contents.